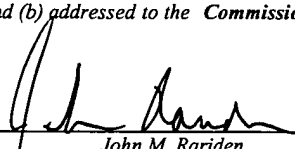


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	§	
Yogisha Mallya et al.	§	Group Art Unit: Unassigned
	§	
Serial No.: Unassigned	§	
	§	Examiner: Unassigned
Filed: Herewith	§	
	§	
For: METHOD AND SYSTEM FOR	§	Atty. Docket: 140314/YOD
EXTRACTING MULTI-	§	GERD:0074/YOD
DIMENSIONAL STRUCTURES	§	
USING DYNAMIC CONSTRAINTS	§	

Mail Stop Patent Application
Commissioner for Patents
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EXPRESS MAIL MAILING LABEL	
NUMBER:	EV 410034013 US
DATE OF DEPOSIT:	November 25, 2003
<i>Pursuant to 37 C.F.R. § 1.10, I hereby certify that I am personally depositing this paper or fee with the U.S. Postal Service, "Express Mail Post Office to Addressee" service on the date indicated above in a sealed envelope (a) having the above-numbered Express Mail label and sufficient postage affixed, and (b) addressed to the Commissioner for Patents, Alexandria, VA 22313.</i>	
November 25, 2003	
Date	John M. Rariden

Sir:

**INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. §§ 1.97(b) AND 1.98**

In compliance with the duty of disclosure under 37 C.F.R. § 1.56(a), it is respectfully requested that this Information Disclosure Statement be entered and that the listed references be considered by the Examiner and made of record. Regarding copies of the listed references, the Patent Office has recently notified Applicants that:

The Office hereby waives the requirement under 37 C.F.R. 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 U.S.C. § 371 after June 30, 2003.

Accordingly, Applicants have not submitted copies of any U.S. Patents or any U.S. Patent Application Publications cited on the attached form PTO-1449.

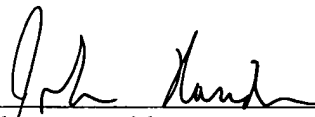
In accordance with 37 C.F.R. § 1.97, this Information Disclosure Statement is not to be construed as a representation that a search has been made, as an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b), or as a representation that no other possibly material information, as defined in 37 C.F.R. § 1.56(b), exists.

Furthermore, the references listed on the attached Form 1449 are not to be construed as an admission that these references qualify as prior art as to the above-referenced application or any related application. Rather, these references are being presented for the Examiner's consideration without prejudice to the right to demonstrate that any of these references do not qualify as prior art should the Examiner choose to apply any of these references.

The following information is listed below in accordance with 37 C.F.R. §1.98. Any explanation of non-English language documents contained in this Information Disclosure Statement is believed to constitute a concise explanation of the relevance of the listed reference as it is presently understood by the individual designated in § 1.56(c) most knowledgeable about the content of the listed reference, in accordance with 37 C.F.R. § 1.98(a)(3).

Respectfully submitted,

Date: November 25, 2003



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Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)	ATTY. DOCKET NO. 140314-1/YOD (GERD:0074)	SERIAL NO. Unassigned
	APPLICANT Yogisha Mallya et al.	
	FILING DATE Herewith	GROUP Unassigned

U.S. PATENT DOCUMENTS

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1	5,570,404	10/29/96	Liang et al.	378	8	09/30/94
	A2	5,832,134	11/3/98	Avinash et al.	382	257	11/27/96

FOREIGN PATENT DOCUMENTS

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION

OTHER ART (Author, Title, Journal, Volume, Pertinent Pages, & Date)

	C1	Adams, Rolf, et al., Seeded Region Growing, IEEE Transactions on Pattern Analysis and Machine Intelligence, pages 641-647, 1994
	C2	Alyassin, Abdalmajeid M., et al., Semi-automatic Bone Removal Technique from CT Angiographic Data, Proceedings of the SPIE - The International Society for Optical Engineering 2000, General Electric Research & Development Center, GE Medical Systems
	C3	Aylward et al., Systems and Methods for Tubular Object Processing, Publication No. US 2003/0053697 A1, Pub. Date: March 20, 2003
	C4	Florent et al., Image Processing Method, System and Examination Apparatus for Extracting at Threadlike Structure in a Noisy Digital Image, U.S. Publication No. 2002/0054707 A1, Publication Date: May 9, 2002
	C5	Hojjatoleslami, S. A., et al., Region Growing: A New Approach, IEEE Transactions on Image Processing, pages 1079-1084, 1998
	C6	Kass, Michael, et al., Snakes: Active Contour Models, International Journal of Computer Vision, 1 (1987) 321-331
	C7	Mullick, Rakesh, Method and Apparatus for Removing Obstructing Structures in CT, U.S. Patent Application Serial No. 10/301,018, Filed 11/21/02, General Electric Company
	C8	Subramanyan, Krishna, Vessel Tracking and Tree Extraction Method and Apparatus, PCT application, International Publication No. WO 03/046835 A1, IP Publication date 5 June 2003
	C9	Wink, O., et al., Fast Delineation and Visualization of Vessels in 3-D Angiographic Images, IEEE Transactions on Medical Imaging, Vol. 19, No. 4, April 2000

	C10	Xu, Chenyang, et al., Snakes, Shapes, and Gradient Vector Flow, IEEE Transactions on Image Processing, Vol. 7, No. 3, March 1998, Pages 359-369
	C11	Yim, Peter J., et al., Vessel Surface Reconstruction with A Tubular Deformable Model
EXAMINER		DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement--PTO-1449 (Modified)